

A PRESSURE SLEEVE ASSEMBLY

Abstract of the Disclosure

A pressure sleeve assembly and a method of its use in a fluid injection system are disclosed. The pressure sleeve assembly includes a longitudinal base member, an endplate associated with the longitudinal base member, a fixed or freely removable door, a cylinder and a pivotal arm coupling the cylinder to the longitudinal base member. The pressure sleeve assembly includes properties that increase the ease of use and maintenance of the assembly so as to reduce the effort required by the user and increase the biosafety aspect of the assembly. In addition, the pressure sleeve assembly includes properties that reduce the amount of effort required by the physician prior to and during use of the system as well as properties that increase its range of applications.